



SURFASFIX SBR

Product Information Page

SURFASFIX™ SBR is a white coloured Styrene-Butadiene Co-polymer Latex designed for use as a Bonding Aid and a Waterproofing additive with Cement compositions. SURFASFIX™ SBR is used in concrete repairs, rendering, concrete protection, waterproofing, corrosion protection of steel and silage pit lining. SURFASFIX™ SBR is used to produce modified mortars which are durable and have a high abrasion resistance.

Specification Tip for Design Professionals:

SURFASFIX SBR may be specified by name or by using the following description: a propriety white coloured Styrene-Butadiene Co-polymer Latex liquid bonding-aid and admixture used to increase the physical and chemical properties of cement-based mortars and concrete.

How does SURFASFIX SBR work:

The pure polymers used in SURFASFIX SBR react with cement based mixes, increasing the compressive, flexural and bonding strengths of the mix. Using SURFASFIX SBR in the mix also increases the wearing and abrasion resistance of the screed or mortar.

Mixing Dosages:

SURFASFIX SBR Bonding Aid: May be used neat, or mix 1 part SurfFix SBR with 1 part Portland Cement.

SURFASFIX SBR Screed / Mortar: Use SURFASFIX SBR at the rate of 5 litres per 25kg of Ordinary Portland Cement.

How do I prepare the surface for SURFASFIX SBR Modified Mixes:

All surfaces onto which SURFASFIX SBR modified mixes are to be applied should be sound and free from loose particles, dust, clean and free from coatings or any other contaminants which may effect the adhesion of the screeds and mortars.



- ✓ Increases the flexural strength of screeds and mortar
- ✓ Increases the compressive strength of screeds and mortar
- ✓ Increases the abrasion resistance of screeds and mortar
- ✓ Excellent adhesion to steel, glass, asphalt
- ✓ Suitable for use with drinking water
- ✓ Suitable for both positive and negative water pressure applications
- ✓ Environmentally friendly, non-toxic and chloride free

SURFASOLOGY

E: info@surfalogy.com

T: 01 832 1005

W: surfalogy.ie



How do I apply SURFASFIX SBR Modified Mixes:

After correct preparation surfaces should be damped-down with clean potable water prior to application of the SURFASFIX SBR Bonding Aid.

- Using a soft brush apply a layer of the Bonding Aid to the prepared area working the solution in well.
- Using a trowel slightly compact the SURFASFIX SBR Modified Screed or Mortar into place whilst the SURFASFIX SBR Bonding Aid is still tacky.
- Use a wooden float or a steel trowel to achieve the required finish.

Note: SURFASFIX SBR Modified Screeds and Mortars should be protected from rain for at least 24 hours after application. SURFASFIX SBR Modified Mortars should not be applied if the temperature is 5°C or below or are expected to fall below 5°C in the following 24 hours.

Consumption: 5 litres per 25kg of Cement – Screeds and Mortars.

Cleaning: Equipment should be washed immediately with clean water.

Curing: Mist cure with clean potable water until fully cured.

Packaging: SURFASFIX SBR is packed in 5ltr and 25ltr containers.

Storage: SURFASFIX SBR should be stored in its original manufacturer's containers in dry conditions above 5°C and protected from frost.

Please Note: For Mix Design information on modified Screeds or Mortars, please contact our Technical Department.

TECHNICAL DATA:

Form	White liquid	
pH	8.5- 10.0	ISO976*
Total Solids Content	55.0%	ISO3251*
Viscosity	mPa.s 8000 -9000	
Storage	Between 5 and 35°C, in a dry, area away from direct sunlight.	
Flashpoint	Non Combustible	
Shelf Life	12 months in original, unopened package	

* Internal method based upon the specified norm.

Disclaimer:

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine himself what products are suitable for use. Accordingly, no liability will be accepted by SURFASOLOGY™ (IBC Limited).

For further information contact the SURFASOLOGY Technical Department.

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Smart Surface Solutions

Waterproofing and Damp Proofing Specialists

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SURFASOLOGY, formerly IBC Ltd., is Ireland's leading waterproofing and damp proofing specialist that has been proudly providing market leading, innovative, and sustainable construction solutions since 1976.

Our high-quality products and systems are accompanied by our professional technical support and a full installation service. **SURFASOLOGY** technical consultancy team have unrivalled experience in major construction projects, as well as solving everyday problems for homeowners, with long term trustworthy solutions.

Our products are all manufactured in ISO Quality System compliant facilities and meet the relevant local, National, & European standards. **SURFASOLOGY** network members manufacture products exclusively in Germany, Switzerland, Spain, Greece and the UK. We support these products in local markets with highly-qualified technical professionals, who understand both on-site demands and the design detail. We work in a collaborative way with our clients at all stages of the project to ensure that the correct design, preparation, and application are carried out to ensure a timely and successful outcome for all stakeholders.

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SUSTAINABLE CONSTRUCTION
SOLUTIONS, POWERED BY OUR
EXTENSIVE EXPERIENCE AND
EXPERTISE.**

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Unit 143, Grange Drive,
Baldoyle Industrial Estate,
Dublin 13, D13 W9V2,
Ireland

E: info@surfalogy.com

T: 01 832 1005

W: surfalogy.ie

